

PATENT IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

19704 U.S. PTO 10/643430

Applicant:

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Serial No.:

New Patent Application

Examiner: unknown

Filing Date:

August 18, 2003

Group Art: unknown

For:

PDA DIAGNOSIS OF THERMOSTATS

Docket No.: H0005400(1161.1127101)

TRANSMITTAL SHEET

Mail Stop Patent Application Assistant Commissioner for Patents PO Box 1450

Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.10: The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV315608918US, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 18th day of August, 2003.

By Um Thompson

Lynn Thompson

We are transmitting herewith the attached Patent Application including the following:

- [X] 133 sheets of specification.
- [X] 30 claims.
- [X] 1 sheet of Abstract.
- [X] 34 sheets of informal drawings.
- [X] Executed/Unexecuted Declaration and Power of Attorney.

	(1)	(2)	SMALL ENTITY		OTHER	
FOR:	# FILED	# EXTRA	Rate	Fee	Rate	Fee
BASIC FEE				\$370		\$750
TOTAL CLAIMS	30 -20 =	10	x9=	\$	x18=	\$180
INDEPENDENT CLAIMS	9 -3 =	6	x42=	\$	x84=	\$504
() MULTIPLE DEPENDENT CLAIM PRESENTED			+140=	\$	+280=	\$0
TOTAL		\$		\$1434.00		

- [X] The Commissioner is authorized to charge \$\frac{1434.00}{200}\$ (\$750 filing fee)(\$684 claims) to Deposit Account No. 50-0413.
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Date: 8/18/03

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